

defines with a leading edge of the forward wall a face progression, and means to increase the radius of gyration of the base about a geometric impact center on the forward wall including an extension of the perimeter wall and the forward wall outwardly from the hosel in a direction away from the impact center on the forward wall and perpendicular to the target line, said extension of the forward wall and the perimeter wall not being greater than 0.625 inches from the axis of the hosel in a direction perpendicular to the hosel axis.

6. A high impact golf clubhead, comprising: a metallic body having a substantially flat ball striking wall one one side thereof angularly related to a vertical plane to provide clubhead loft, said ball striking wall having a plurality of generally parallel grooves therein and a face height of at least 1.4 inches, said ball striking wall having a heel portion and a toe portion, said body having an integral hosel for receiving one end of a club shaft, means for perimeter weighting the body including an integral metallic perimeter wall surrounding at least a major portion of the ball striking wall and extending rearwardly therefrom forming a cavity in the rear of the clubhead with a bottom defined by the back of the ball striking wall, and means for increasing the perimeter weighting of the clubhead including an extension of the heel portion of the ball striking wall a substantial distance on the side of the hosel opposite the wall toe portion and perpendicular to the target line defining an extended heel portion and an extension of the perimeter wall around the perimeter of the extended heel

portion of the ball striking wall, said hosel having an axis, said extension of the ball striking wall and said extension of the perimeter wall not being greater than 0.625 inches from the hosel axis in a direction perpendicular to the hosel axis.

7. A high impact golf clubhead, comprising: a base including a high impact forward wall and a perimeter wall surrounding the forward wall and defining a hollow area generally centrally behind the forward wall, said forward wall having a ball impacting face with a plurality of generally parallel grooves therein, said forward wall having a substantially uniform thickness inside the perimeter wall to reduce clubhead weight, said base having a shaft receiving hosel thereon having an axis that defines with a leading edge of the forward wall a face progression, and means to increase the radius of gyration of the base about a geometric impact center on the forward wall including an extension of the perimeter wall and the forward wall outwardly from the hosel in a direction away from the impact center on the forward wall and perpendicular to the target line, said extension of the forward wall and the perimeter wall not being greater than 0.625 inches from the axis of the hosel in a direction perpendicular to the hosel axis.

8. A high impact golf clubhead, comprising: a metallic body having a substantially flat ball striking wall one one side thereof angularly related to a vertical plane to provide clubhead loft, said ball striking wall having a plurality of generally parallel grooves therein, said ball

striking wall having a heel portion and a toe portion, said body having an integral hosel for receiving one end of a club shaft, means for perimeter weighting the body including an integral metallic perimeter wall surrounding at least a major portion of the ball striking wall and extending rearwardly therefrom forming a cavity in the rear of the clubhead with a bottom defined by the back of the ball striking wall, and means for increasing the perimeter weighting of the clubhead including an extension of the heel portion of the ball striking wall a substantial distance on the side of the hosel opposite the wall toe portion and perpendicular to the target line defining an extended heel portion and an extension of the perimeter wall around the perimeter of the extended heel portion of the ball striking wall, said hosel having an axis, said extension of the ball striking wall and said extension of the perimeter wall not being greater than 0.625 inches from the hosel axis in a direction perpendicular to the hosel axis.

9. A high impact golf clubhead, comprising: a base including a high impact forward wall and a perimeter wall surrounding the forward wall and defining a hollow area generally centrally behind the forward wall, said forward wall having a ball impacting face with a plurality of generally parallel grooves therein, said ball impacting face having a vertical height of at least 1.625 inches, said forward wall having a substantially uniform thickness inside the perimeter wall to reduce clubhead weight, said base having a shaft receiving hosel thereon having an axis that defines with a leading edge of the forward wall a face

progression, and means to increase the radius of gyration of the base about a geometric impact center on the forward wall including an extension of the perimeter wall and the forward wall outwardly from the hosel in a direction away from the impact center on the forward wall and perpendicular to the target line, said extension of the forward wall and the perimeter wall not being greater than 0.625 inches from the axis of the hosel in a direction perpendicular to the hosel axis.

10. A high impact golf clubhead, comprising: a metallic body having a substantially flat ball striking wall one one side thereof angularly related to a vertical plane to provide clubhead loft, said ball striking wall having a plurality of generally parallel grooves therein and a face height of at least 1.625 inches, said ball striking wall having a heel portion and a toe portion, said body having an integral hosel for receiving one end of a club shaft, means for perimeter weighting the body including an integral metallic perimeter wall surrounding at least a major portion of the ball striking wall and extending rearwardly therefrom forming a cavity in the rear of the clubhead with a bottom defined by the back of the ball striking wall, and means for increasing the perimeter weighting of the clubhead including an extension of the heel portion of the ball striking wall a substantial distance on the side of the hosel opposite the wall toe portion and perpendicular to the target line defining an extended heel portion and an extension of the perimeter wall around the perimeter of the extended heel portion of the ball striking wall, said hosel having an